

# Claims

[c1] What is claimed is:

1. A method of turning on a computer, the method comprising:

providing the computer with a hard disk drive and a switch;

storing a first master boot record (MBR) in a first region of the hard disk drive, the first MBR corresponding to a set of operation systems comprising at least an operation system;

storing a second MBR in a second region of the hard disk drive, the second MBR corresponding to a set of program codes comprising at least a program code;

powering on the computer; and

detecting a status of the switch and executing a program code of the set of program codes if the switch is on a predetermined status, or executing an operation system of the set of operation systems if the switch is not on the predetermined status.

[c2] 2. The method of claim 1 wherein the program code comprises an operation system.

[c3] 3. The method of claim 1 wherein the program code

comprises a drive program.

- [c4] 4.The method of claim 1 wherein the first region occupies first 512 bytes of the hard disk drive.
- [c5] 5.The method of claim 1 wherein the second region is located after the first region.
- [c6] 6.The method of claim 1 further comprising: providing the computer with a housing.
- [c7] 7.The method of claim 6 further comprising: installing the switch on a surface of the housing.
- [c8] 8.The method of claim 6 further comprising: installing the switch on a region inside the housing.
- [c9] 9.A computer comprising:
  - a switch;
  - a first memory stored with a basic input/output system (BIOS);
  - a second memory comprising a first region stored with a first MBR corresponding to a set of operation systems comprising at least an operation system, and a second region stored with a second MBR corresponding to a set of program codes comprising at least a program code; and
  - a processor for executing the BIOS and selectively exe-

cuting an operation system of the set of operation systems if the switch is on a predetermined status or a program code of the set of program codes if the switch is not on the predetermined status.

- [c10] 10.The computer of claim 9 wherein the first memory is a read only memory (ROM).
- [c11] 11.The computer of claim 9 wherein the second memory is a hard disk drive.
- [c12] 12.The computer of claim 11 wherein the first region occupies first 512 bytes of the hard disk drive.
- [c13] 13.The computer of claim 9 wherein the second region is located after the first region.
- [c14] 14.The computer of claim 9 wherein the program code comprises an operation system.
- [c15] 15.The computer of claim 9 wherein the program code comprises a drive program.
- [c16] 16.The computer of claim 9 further comprising a housing for the switch to be installed inside.
- [c17] 17.The computer of claim 9 furthering comprising a housing having a surface for the switch to be installed on.

